主要需要完成的部分是图2、图4格式的图。需要先理解图到底画的是什么，文献里面是极端温度的变量，我们需要画的是极端降水变量（表3）。

我理解图中的异常是与平均值之间的差值，图里涉及到了滑动平均和标准差，这些应该都比较好理解。表3是变量的定义，一定要主要每个变量的单位。（刚发现空格好像被替换点了，需要加一下）

表3Definition of extreme precipitation indices

|  |  |  |  |
| --- | --- | --- | --- |
| ETIs | | | |
| CWD | Consecutive wet days | Maximum number of consecutive days with  RR≥1mm | days |
| R10mm | Number of heavy precipitation days | Annual count of days when RR≥10mm | days |
| R25mm | Numberofveryheavyprecipitationdays | Annual count of days when RR≥25mm | days |
| RX1DAY | Maximum1-day precipitation | Annual maximum1-day precipitation | mm |
| RX5DAY | Maximum 5-day precipitation | Annual maximum5-day precipitation | mm |
| R95T | Very wet day precipitation | Annual total precipitation when RR≥95th  Percentile of 1961-2016 daily precipitation | mm |
| R99T | Extremelywetdayprecipitation | AnnualtotalprecipitationwhenRR≥99th  percentileof1961-2016dailyprecipitation | mm |
| PRCPTOT | Annualtotalwetdayprecipitation | Annual total precipitation in wet days (RR≥1mm) | mm |
| SDII | Simpledailyintensityindex | Annual total precipitation divided by the number  Of wet days in the year | mm/day |